

Date first production - 6/19/79

FILE NOTATIONS

Entered in NID File ✓
Location Map Planned
Card Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

PMB
4-23-73

COMPLETION DATA:

Date Well Completed 6/19/79
OW..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log ✓
Electric Logs (No.) ✓
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... MI-L..... Sonic.....
CCLog..... CCLog..... Others.....

L.R. ROBINSON
Natural Gas Consultant
558 North 23rd Street - Phone 242-7006
Grand Junction, Colorado 81501

April 17, 1973

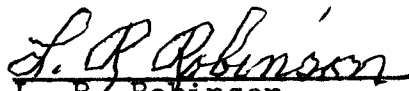
Mr. Paul Burchell
State of Utah
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Dear Sir;

I would like to start drilling in the next two weeks. I hope all of these plots will meet the proposed 12 point program you have outlined for this well location. Beeman Drillers of Moab, Utah will be the contractors and will be using a hydraulic blowout preventer.

If anything comes up that I have not done, let me know by phone or letter.

Sincerely,


L. R. Robinson

LRR:rh

cc: file

THE STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
Federal #8

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

12. COUNTY OR PARISH

13. STATE
Utah

22. APPROX. DATE WORK WILL START*

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Vukasovich Drilling

3. ADDRESS OF OPERATOR
558 North 23rd, Grand Junction, Colorado 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface *Lot 2, Sec 4, NE 1/4 NW 1/4, T21S R23E SLB & M 639' FNL & 1980' FEL*
At proposed prod. zone
Endrado - Dakota - Morrison - Buckhorn #8

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
North 8 Miles to Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. line, if any)

16. NO. OF ACRES IN LEASE
640

17. NO. OF ACRES ASSIGNED TO THIS WELL
640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
1800'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<i>8 5/8"</i>	<i>10"</i>	<i>12#</i>	<i>150'</i>	<i>100%</i>
<i>6 1/4"</i>	<i>4 1/2"</i>	<i>9#</i>	<i>1800'</i>	<i>30%</i>

NEW NE

102-5

OK

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *L. P. Robinson* TITLE *Agent* DATE *4/17/73*

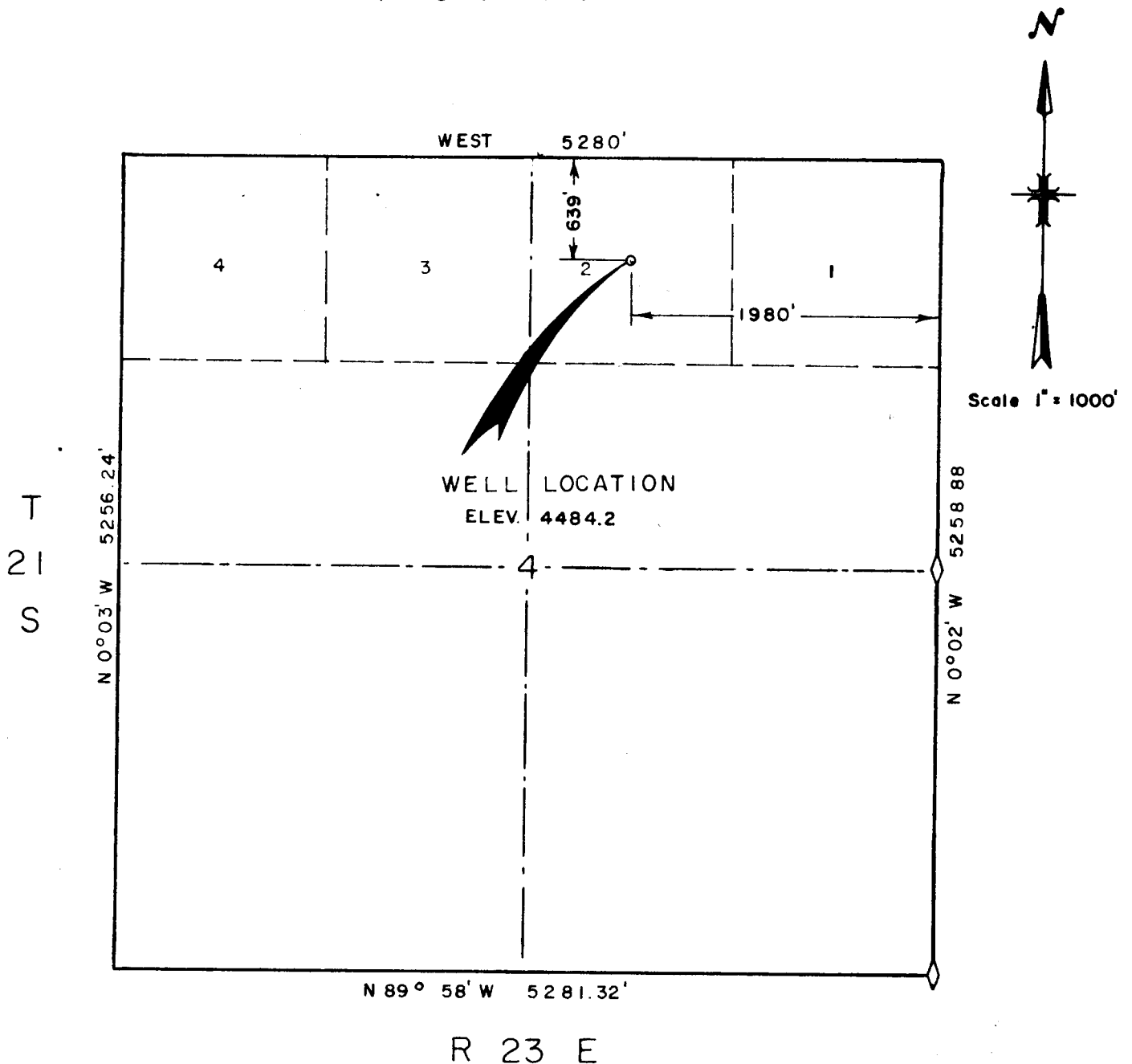
(This space for Federal or State office use)

PERMIT NO. *43.019.30140* APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION
LOT 2, SECTION 4
 T 21 S R 23 E S.L.B. & M.



NOTE

Location to be 100' by 100'
 Topography - Flat
 Vegetation - Sparse, desert type

I, Richard J. Mandeville do hereby certify that this plat was plotted from notes of a field survey made under my direct responsibility, supervision and checking on April 10, 1973.

Richard J. Mandeville
 Registered Land Surveyor

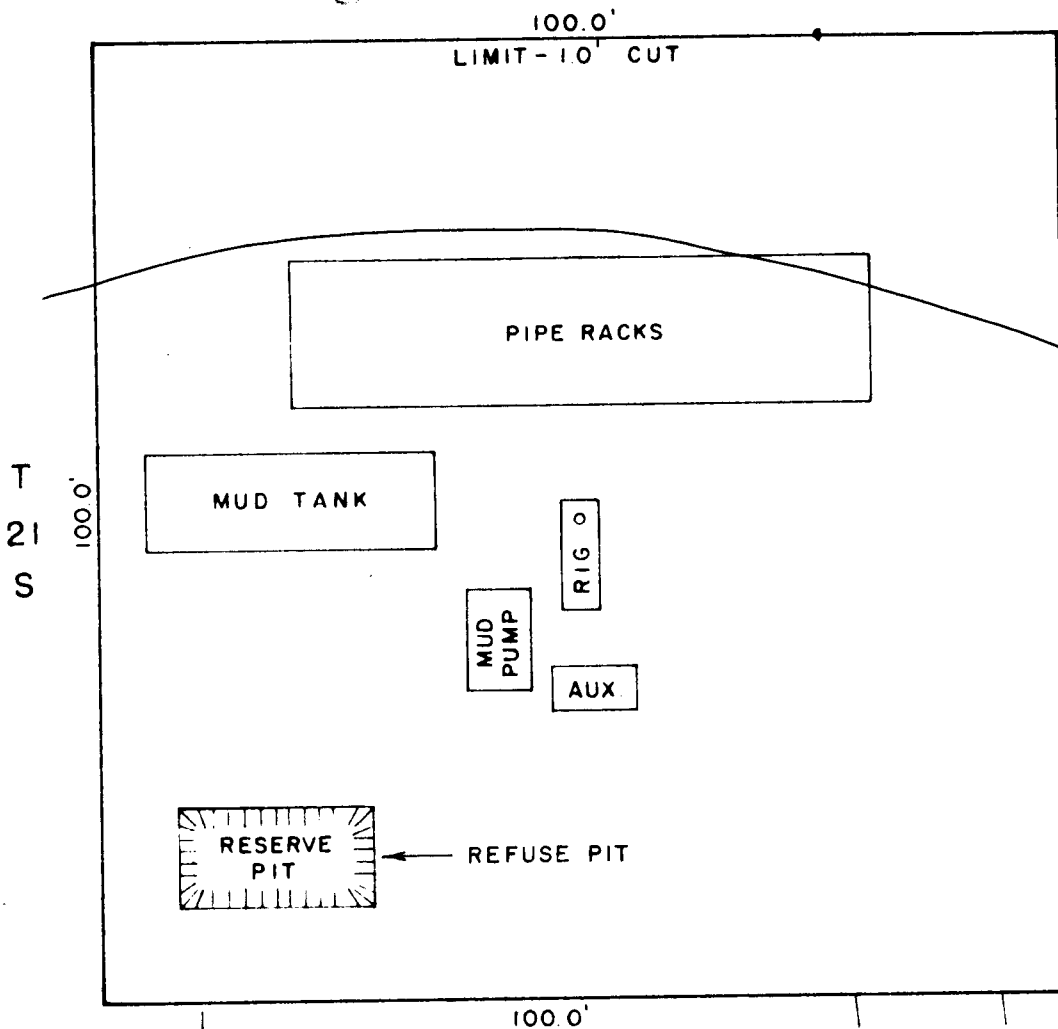
WESTERN ENGINEERS, INC.
WELL LOCATION

J. VUKASOVICH NO. 8

GRAND COUNTY, UTAH

SURVEYED J.B.P. DRAWN R.W.Q.

GRAND JUNCTION, COLO. 4/12/73



SCALE: 1" = 20'

Drains to
Cisco Wash

R 23 E
LOT 2, SECTION 4
S. L. B. & M.

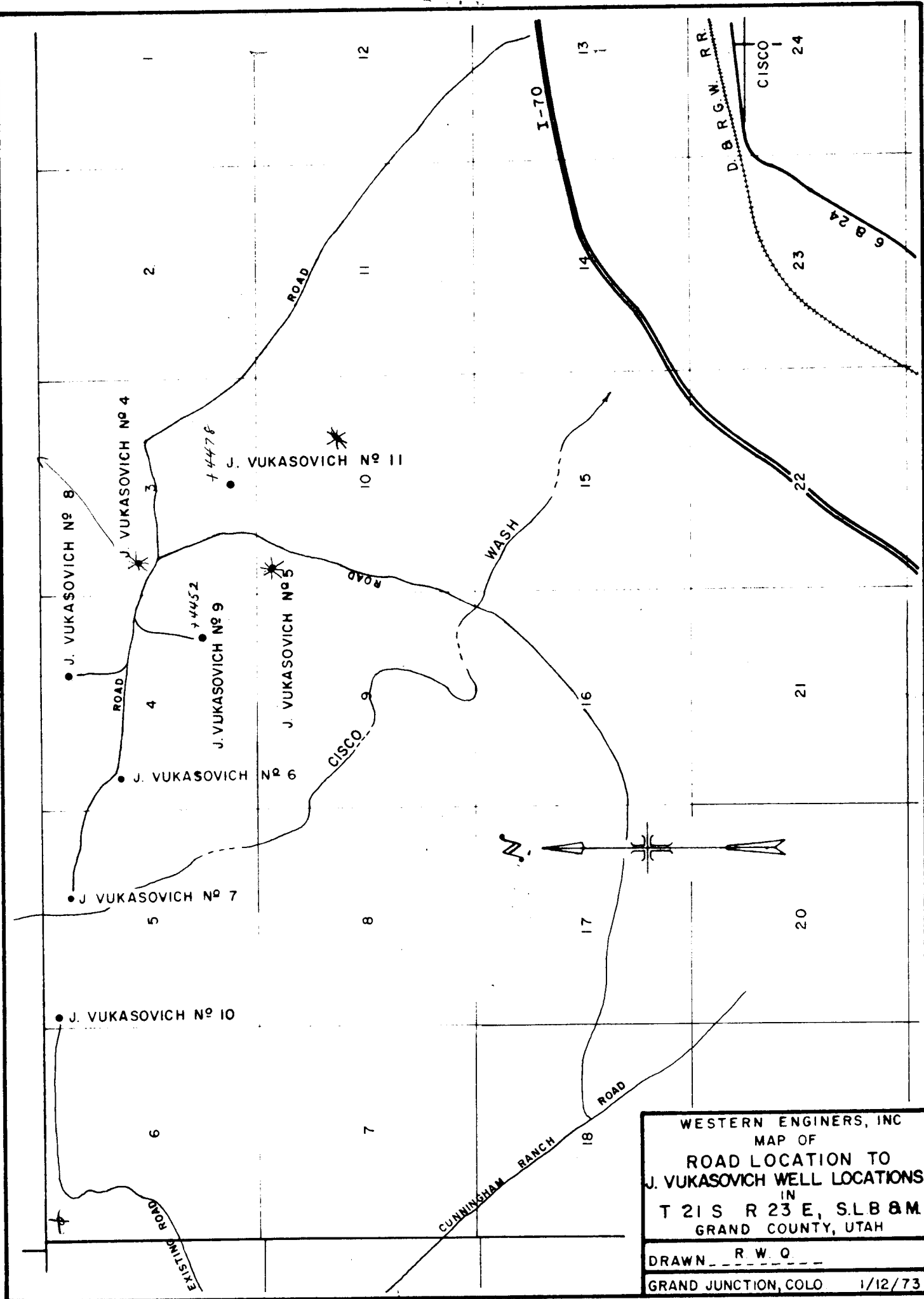
PROPOSED
ROAD

WESTERN ENGINEERS, INC.
PROPOSED ROAD LOCATION
SITE LAYOUT
TO J. VUKASOVICH NO. 8
GRAND COUNTY, UTAH
DRAWN G. L. A.
GRAND JUNCTION, COLO. 1/12/73

4452
 1990
 -1860

 1790
 +2592

 4382



WESTERN ENGINEERS, INC
 MAP OF
 ROAD LOCATION TO
 J. VUKASOVICH WELL LOCATIONS
 IN
 T 21 S R 23 E, S.1 B & M.
 GRAND COUNTY, UTAH
 DRAWN R. W. O.
 GRAND JUNCTION, COLO 1/12/73

Conservation Division
8416 Federal Building
Salt Lake City, Utah 84111

April 20, 1973

Mr. L. R. Robinson
Natural Gas Consultant
558 North 23rd Street
Grand Junction, Colorado 81501

Re: Wells No. 8, 9, and 10
Lease Utah 03759 and
Well No. 11
Lease Utah 010847
Grand County, Utah

Dear Mr. Robinson:

It is suggested that you read this letter in its entirety. There are instructions and information herein that if not conformed to may be detrimental to your operations.

The Applications for Permit to Drill, Form 9-331C (APD) as submitted on all the referenced wells are incompletely prepared. Please note on the forms where the necessary information has been inserted by hand in parts 5, 8, 9, 10, 11, 12, 13, 16, and 21. Parts 6 and 7 are not applicable in your case. Parts 15, 17, 18 and 22 should also be completed.

A written 12-point plan must be included or attached to the APD along with the illustrative plats. The 12-point plan is a specific requirement for all APD's in the Northern Rocky Mountain Area. This allows us to treat each operator equally. In addition, your proposed program for drilling these wells (part 23 of A PD) could be improved by a short statement (part 23) of your drilling and completion program. Your transmittal letter of April 17, 1973, states that you "will be using a hydraulic blowout preventer." The singular implies that there will be only one gate in your blowout preventer stack. Will this be blank rams or pipe rams? You do not indicate whether the well is to be drilled with air or mud. What is your blow-out preventer program? The quantity of cement stated for the 4½" production casing is 30%. The requirement of this office is that cement on the production casing must at least cover the uppermost hydrocarbon zone in the bore hole by at least 100'. Will the well be perforated and in what zone? Please note in part 4 of the APD that this is the location of the well. The part "At proposed production zone" is applicable to directionally drilled wells and requests the location the bore hole penetrates (preferably the top of the zone but

center if specified) the proposed or completed production zone. For a vertical hole, the entire vertical hole would be informative. The target zone or completion zone should be shown in the short narrative under part 23 of the APD. Please note the instructions at the bottom of the space in part 23 and on the reverse side of the form.

Your well location plat, road location plat and rig site layout are very good. However, they do not cover all the requirements of the 12-point plan. A copy of the 12-point plan instructions is enclosed for your convenience.

The proposed locations for wells No. 9 and 11 require a special stipulation due to the proximity to legal subdivision of the sections. Well No. 9, at 1320 ft. FSL of section 4, falls on the 1/4-1/4 subdivision line and well No. 11, at 2540' FSL of Section 3, falls 100' from 1/4 section subdivision line or the N-S center line of the section. Rule 221.20 of the Oil and Gas Operating Regulations requires submittal of adequate reasons for these locations and obtaining consent in writing from U.S.G.S. Enclosed are prepared forms for compliance with this requirement of the regulations. You are to insert the reasons for these locations within the 200 ft. stipulation (the lined space about 2/3 the way down in the body of the letter) and then have Mrs. Lamsdale sign them.

Your option of locations places your operations under Field Rule 2-2, Cause 102-5, dated November 2, 1964, The Oil and Gas Conservation Commission, State of Utah. You may not be allowed to produce well No. 10, Section 5, if drilled and completed at the proposed location, without a hearing before the State Oil and Gas Conservation Commission.

Mr. Robinson, our returning your applications may appear harsh to you but this is not our intent. Cooperation is a two-way street. It is our intent and purpose to fully cooperate with your requests and expedite their approval. We must, however, conduct our business within certain rules, regulations and guidelines. We will furnish assistance in preparation of applications, or other problems you may have, in any way we can. However, we feel we must treat each operator equally. This becomes difficult when we are asked to approve APD's that are incomplete. We cannot prepare these forms for the operator. In the first place, we don't know what he might want to do and secondly if we prepare for one then to treat each equally we must prepare APD's for all. Time does not allow this.

If you will take the time to prepare these forms correctly, taking into account the instructions printed thereon and the penciled in notes, we will do our best to process them quickly enough to enable you to retain the rig.

Again, may I point out that mail will reach me much more quickly if you will use the following mailing address:

Gerald R. Daniels, 8416 Federal Building, 125 South State St.,
Salt Lake City, Utah 84111.

Please note the address you used.

Also, please note the requirements for subsequent reporting after the work is done. You aren't doing very well on this score either.

Sincerely,

(ORIG. SGD.) G. R. DANIELS

Gerald R. Daniels,
District Oil and Gas Engineer

cc: Casper
State O&G Commission ✓

April 23, 1973

Vukasovich Drilling Company
558 North 23rd Street
Grand Junction, Colorado 81501

Re: Well No's:
Federal No. 8,
Sec. 4, T. 21 S, R. 23 E,
Federal No. 10,
Sec. 5, T. 21 S, R. 23 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the Order issued under Cause No. 102-5.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API numbers assigned to these wells are:

#8:	43-019-30140
#10:	43-019-30141

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: U.S. Geological Survey

RECEIVED
BR. OF OIL & GAS OPERATIONS

APR 27 1973

U. S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

J. VUKASOVICH DRILLING

558 N. 23 St.

Grand Junction, Colorado 81501

April 26, 1973

Mr. Gerald R. Daniels
8416 Federal Building
125 South State Street,
Salt Lake City, Utah 84111

Dear Sir:

J. Vukasovich Drilling, Box 1965 of Grand Junction, Colorado, wishes to make application to drill on Federal Lease # U-010847 containing 2632.44 acres located as follows: Lot 4 Sec. 5 T21S R23E SLM, SW/4 SE/4 Sec 3, T21S R23E SLM, E/2 SE/4 Sec 4 T21S R23E SLM, Lot 2, Section 4 NE1/4, NW1/4 T21S R23E SLM, Grand County, Utah.

In addition to information given in "application for permit to drill" may we submit the following information on plan of development:

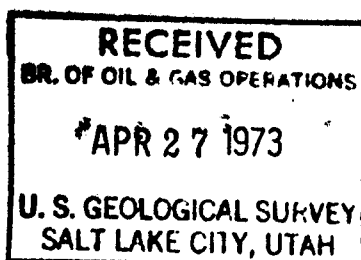
1. Existing Roads: Attached copy of U.S.G.S. quadrangle shows main highways and roads leading to well locations in Sections 10, 3, 4, and 5, T21S, R23E.
2. Planned Access Roads: Cunningham Ranch Road in Section 18 and 17 and northwesterly through Section 16 and through the Southeast Corner of Section 9, thence Northerly to Well #5, lying in the NW1/4 NW1/4 Section 10, thence Northerly to Well #4, lying in the SW1/4 NW1/4 Section 3, thence Westerly to Well #6, lying in the SE1/4 NW1/4 Section 4, thence Northwesterly to Well #10 lying in Lot #2, Section 5. The Lessee agrees to upgrade the roads to any well or other improvement which is regularly maintained or inspected as directed by the District Manager's Authorized Representative if any well becomes a producer or if any improvement is needed for the sustained production of oil and gas; i.e. gauging stations, cathodic stations, etc. Such upgrading may include ditching and draining, culverts, and graveling or capping of the road bed.

3. Location of Wells: J. Vukasovich #10 has gas wells M-2 and M-6 to the East in the S $\frac{1}{2}$ NE $\frac{1}{4}$ Section 10, D-M 3 Gas Well lies East of J. Vukasovich in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 3.
4. Lateral roads to well's location: (see attached map).
5. Location of tank batteries and flowlines: A tank battery will be set up after rig is cleared and location graded; flowlines will be laid depending on location of main trunk line,
6. Location and types of water supply: Water will be hauled from the Colorado River 10 miles to the southeast. Well will be drilled with air and air mist.
7. Methods for handling waste disposal: (see location plat layout). Liquid wastes will be temporarily allowed to stand in reserve pit; solid wastes will go to refuse pit and removed after drilling.
8. Location of camps: No camp required.
9. Location of air strip: No airstrip required.
10. Location Layout: (see plat of rig and tank layout).
11. Plans for restoration of the surface: After drilling is completed and equipment removed, surface will be filled with soil and Mancos Shale, and gravel base for tanks and driveways to production facilities.
12. Other information: Beaman Drilling Rig #2 is equipped with A.P.I. series 900 Double Ram Blowout preventers and these will be tested before drilling out under surface pipe and checked daily or when drill pipe comes out of hole.

J. Vukasovich trusts that the above drilling proposal, together with maps, charts and forms, provide necessary information to grants permit and allow us to proceed on our drilling for oil and/or gas on Vukasovich # 8, 9, 10 and 11 In Sections 3, 4 and 5 T21S R23E SLM Grand County, Utah

Very truly yours,

L. R. Robinson
J. Vukasovich Drilling
by L. R. Robinson, Agent



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R3554

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO. U-03759	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR J. Vukasovich Drilling						7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1965, Grand Junction, Colorado 81501						8. FARM OR LEASE NAME Lansdale-Vukasovich	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NE¹/₄NW¹/₄, Lot 2, Sec. 4, T21S, R23E, S.L.B. & M. At top prod. interval reported below 1156' - 1162' At total depth 1181'						9. WELL NO. 8	
14. PERMIT NO. _____ DATE ISSUED _____						10. FIELD AND POOL, OR WILDCAT Cisco Twmsite. Ext.	
15. DATE SPUNDED 5/1/73						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Lot 2, Sec. 4, T21S, R23E, SLM, NE¹/₄NW¹/₄	
16. DATE T.D. REACHED 5/4/73						12. COUNTY OR PARISH Grand	
17. DATE COMPL. (Ready to prod.) 5/5/73						13. STATE Utah	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4484'						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 1181'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Drilled to salt wash - no water						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction - Density Log						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
7"		12#		150'		8 5/8"	
4 1/2"		9#		1179'		6 1/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
None							
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
1 1/2"		1173'					
31. PERFORATION RECORD (Interval, size and number)							
1156' - 1162' - 1/2" - 24 shots							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
None							
33.* PRODUCTION							
DATE FIRST PRODUCTION 5/5/73		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1/4" choke 300,000 MCF				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 5/4/73		HOURS TESTED 8		CHOKE SIZE 1/4"		PROD'N. FOR TEST PERIOD 300,000	
FLOW. TUBING PRESS. 200 lb		CASING PRESSURE 220 lb		CALCULATED 24-HOUR RATE 300,000		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Will be sold to Tejos Gas Company						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED L. R. Robinson		TITLE Agent				DATE 8/8/73	

*(See Instructions and Spaces for Additional Data on Reverse Side)

STATE OF UTAH
Department of Natural Resources
Division of Oil and Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

August 17, 1973

J. Vukasovich Drilling
Box 1965
Grand Junction, Colorado 81501

Re: Well No's. 8, 9, 10, 11,
16, 17, 18, 19, 21, 22, 24,
25, and 27.
Grand County, Utah

Dear Mr. Robinson:

We are in receipt of your "Well Completion or Recompletion Report and Log" for the above referred to wells. However, upon checking this information, we note several discrepancies relative to the perforated intervals. Consequently, it will be appreciated if you would forward this Division copies of the actual perforating tickets for each of the above wells.

In addition, it will be necessary to submit detailed gas measuring data; that is, orifice size, pressure x volume, etc.

Thank you for your prompt attention to the above.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
8426 Federal Building
Salt Lake City, Utah 84138

August 21, 1973

Mr. L. R. Robinson
J. Vukasovich Drilling
P.O. Box 1965
Grand Junction, Colorado 81501

Re: Well Completion Reports
(Form 9-330) on Wells 8,
9, 10, 11, 18, 19, 21, 22,
24, 25 and 27
Grand County, Utah

Dear Mr. Robinson:

We are returning the well completion reports that you recently submitted to this office covering the above referenced wells in the Cisco Area. Upon reviewing the reports we find that some of the information on the reports is either incomplete, inaccurate or not the specific information requested in the form. Please note that we have made appropriate corrections or changes on the reports along with several comments which we hope will be helpful in completing the forms in a manner which will be acceptable to this office.

If you have any questions regarding the completion of these reports, we would be happy to discuss this matter with you.


Gerald R. Daniels

cc: Michael Phifer
2570 El Camino West, Suite 200
Mountain View, California 94040

LPK:cl

AK

VUKASOVICH DRILLING

P. O. BOX 1965
GRAND JUNCTION, COLORADO 81501

August 29, 1973

Mr. Cleon B. Feight, Director
State of Utah
Division of Oil and Gas Conservation
1388 West North Temple
Salt Lake City, Utah 84116

Re: Letter concerning Well No's. 8,
9, 10, 11, 16, 17, 18, 19, 21,
22, 24, 25, and 27 dated August
17, 1973 Grand County Utah

Dear Mr. Feight:

As soon as I receive the copies from Slumber J for the perforation intervals I will send it to you.

In addition I will send you measurement data; orifice size, pressure x volume, etc. as soon as we have the gathering system installed and the gas measurement to Tejos.

Please send a supply of the enclosed sample from the USGS for the State of Utah - "Well Completion or Recompletion Report and Lad".

Sincerely,

L. R. Robinson

L. R. Robinson

LRR/klb

STATE OF UTAH

SUBMIT IN DUPLICATE*

OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. U-03759	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR J. Vukasovich Drilling				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1965, Grand Junction, Colorado 81501				8. FARM OR LEASE NAME Lansdale-Vukasovich	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NE $\frac{1}{4}$ NW $\frac{1}{4}$, Lot 2, Sec. 4, T21S, R23E, S.L.B. & M. At top prod. interval reported below 1156' - 1162' At total depth 1181'				9. WELL NO. 8	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Cisco Twnsite. Ext.	
15. DATE SPUNDED 5/1/73				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Lot 2, Sec. 4, T21S, R23E, SLM, NE $\frac{1}{4}$ NW $\frac{1}{4}$	
16. DATE T.D. REACHED 5/4/73				12. COUNTY OR PARISH Grand	
17. DATE COMPL. (Ready to prod.) 5/5/73				13. STATE Utah	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4484'				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 1181'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		ROTARY TOOLS X		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Drilled to salt wash - no water					25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction - Density Log					27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)					
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	12#	150'	8 5/8"	Top to bottom	100%
4 1/2"	9#	1179'	6 1/8"		
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
None					
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
1 1/2"	1173'				
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
1156' - 1162' - 1/2" - 24 shots			DEPTH INTERVAL (MD)		
			None		
			AMOUNT AND KIND OF MATERIAL USED		
33.* PRODUCTION					
DATE FIRST PRODUCTION 5/5/73		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1/4" choke 300,000 MCF			WELL STATUS (Producing or shut-in) shut-in
DATE OF TEST 5/4/73	HOURS TESTED 8	CHOKE SIZE 1/4"	PROD'N. FOR TEST PERIOD	OIL—BBL. 300,000	GAS—MCF. 300,000
FLOW. TUBING PRESS. 200 lb	CASING PRESSURE 220 lb	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF. 300,000	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Will besold to Tejos Gas Company		TEST WITNESSED BY			
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>L. P. Robinson</u>		TITLE Agent		DATE 6/4/74	

*(See Instructions and Spaces for Additional Data on Reverse Side)

W
Robie # 8 Vocanich
Robertson —

P.T.
8/19/74

✓
Ross - deepened to 1181

75
1256 T.P.

White SS \approx 1173

① 25 sp

1181' of $4\frac{1}{2}$ Cornet to surface

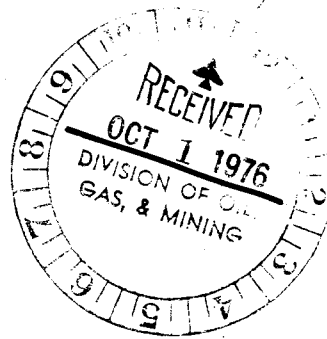
② 5-10 sp/make
Cornet in anular already

PWB

GEOLOGICAL SURVEY

LESSEE'S MONTHLY REPORT OF OPERATION

STATEMENT REGARDING SHUT-IN WELLS



Vukasovich Drilling has the indicated well(s) shut in pending a decision as to plug and abandon or attempt to recomplete the well.

This decision will depend on information obtained from drilling other wells during 1976 in this field.

Currently, the(se) well(s) are incapable of producing hydrocarbons in commercial quantities.

POOR COPY

VUKASOVICH DRILLING, INC.
3964 South State Street
Salt Lake City, Utah 84107



Mr. E. W. Guynn •
District Engineer
U. S. Geological Survey
Federal Building
Salt Lake City, Utah 84111

May 23, 1979

Sir :

The following supplementary information is herewith submitted concerning the drilling applications covered under the JV-8A and the JV-4A Wells. This surface use information is consistent with the approved application which was submitted February 3, 1973.

a. No new access roads or surface utilization is requested for the submitted well applications.

b. Part 12 of the original twelve point program is changed in that an API Double Ram BOP has been replaced with a Regan Torous BOP plus additional surface controls as outlined on the attached schematic.

c. A copy of the original 12 point program is herewith attached as reference material.

d. The proposed locations are 35.5' from the original locations. This application therefore should be considered only as a "Rig-Skid", for drilling purposes, which the Operator feels does not require a second on site acceptance by the surface control agency.

e. Surface rehabilitation will be consistent with the current planting and management requirements.

Due to the current national energy crisis, this application and request to drill is in the best interest of the consuming public, the Federal Royalty Owner, and the present Lease owner/Operator. Furthermore, due to the current shortage of available drilling contractors, it is requested that an immediate approval be granted, especially in light of the fact that these locations will not impact on the environment beyond that which was authorized under the original drilling applications dated in 1973.

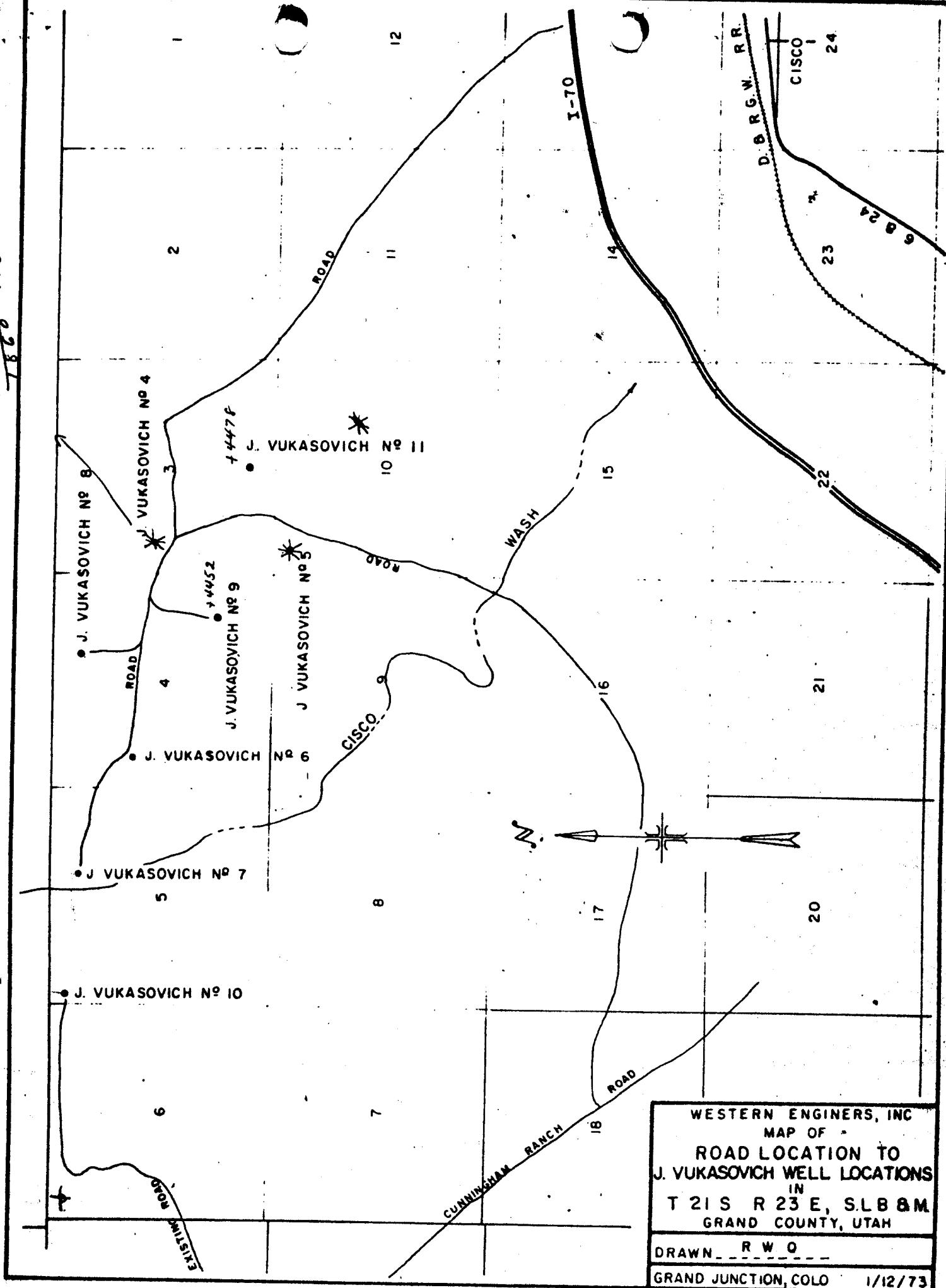
Sincerely,


Dean H. Christensen
Agent

1990
-1860

+2572

7860



WESTERN ENGINEERS, INC
MAP OF
ROAD LOCATION TO
J. VUKASOVICH WELL LOCATIONS
IN
T 21 S R 23 E, S.L.B & M.
GRAND COUNTY, UTAH
DRAWN - R W O
GRAND JUNCTION, COLO 1/12/73

Proposed Action:

On May 23, 1979, Vukasovich Drilling, Inc., filed an Application for Permit to Drill the No. JV8-A exploratory well, a 1160' gas test of the Mancos "A" Formation; located at an elevation of 4484' in the NE/NE, Sec. 4, T21S, R23E on Federal mineral lands and Public surface; lease No. U-03759. There was no objection raised to the wellsite nor to the access road. The proposed action is a re-drill with no additional surface disturbance requested.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Freshwater sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to conduct his operation on disturbed area of the existing drill pad and utilize existing roads for access. If production is established, plans for a gas flowline would be submitted to the appropriate agencies for approval. The anticipated starting date is June 1979.

Location and Natural Setting:

The proposed drillsite is eight miles north of Cisco, Utah, the nearest town. A fair road runs to the location. This well is a wildcat well.

Geology:

The surface geology is Mancos. The soil is silty, shaley, clays. No geologic hazards are known near the drill site. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The topsoils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during

extremely heavy rainstorms. This type of storm is rather uncommon as the annual precipitation is around 8".

Winds are medium and gusty, occurring predominantly from west to east. The climate is semiarid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Drainage is to Cisco Wash which drains south to the Colorado River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

Groundwater Hydrology:

Some minor pollution of groundwater systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination, and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of freshwater formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Plants in the area are of the salt-desert shrub types grading to the pinyon-juniper association to the north.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

Social-Economic Effect:

If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The overall effect of oil and gas drilling and production activity is significant in Grand County but it is difficult to assess the environmental impact of a single well on state and/or national levels. However, if said well was to produce in sufficient quantity, additional development wells might be anticipated. This additional development, in turn, would lead to greater environmental and socioeconomic consequences.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Book Mountain Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the

operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternatives to the Proposed Action:

1) Not Approving the Proposed Permit--The Oil and Gas Lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies' supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration.

2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Recommend that a blooie pit be constructed a minimum of 125' away from the well head. This additional surface disturbance would improve safety of operations.

Adverse Environmental Effects Which Cannot Be Avoided:

New surface disturbance and removal of vegetation from approximately 0.1 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for subsurface damage to freshwater aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would

eventually be carried as sediment in the Colorado River. The potential for pollution to Cisco Wash would exist through leaks and spills.


If well is a producer, other development wells would be anticipated with substantially greater environmental and economic impacts.

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).

Date

6/4/79


District Engineer
U. S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District

BY: DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH
TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH
SUBJECT: APD MINERAL EVALUATION REPORT
OPERATOR: Vukasovic Drilling Inc.
LOCATION: $\frac{1}{2}$ NW $\frac{1}{2}$ NE $\frac{1}{2}$ sec. 4, T. 21 S, R. 23 E, SLM
Grand County, Utah

LEASE NO. V-03759

WELL NO. Vukasovich # 8A

Stratigraphy: Surface - Mancos Shale.

Log Tops from Vukasovich No. 8 Dakota -1155'

Operator's Mancos "A" top is meaningless, misapplication of term from upper Mancos sand to the "Dakota silt"

Fresh Water: No fresh water was encountered in the original Vukasovich No. 8, which is 35.5' north west of the proposed well.

Leasable Minerals:

The area is valuable prospectively for coal in the Dakota. Coal beds, if any, are expected to be thin and discontinuous.

Additional Logs Needed: Induction Electric Logs could be run without introducing fluids into the hole, would help to evaluate possible future workover especially since the sand is marginal.

Potential Geologic Hazards:

None Anticipated

References and Remarks: Induction Electric Log - Vukasovich No. 8
This well will be located 25' South and 25' East of Vukasovich No. 8 in Cisco Wash. KGS.

Signature: J. Paul Matthey

Date: May 31, 1979

Rig skid

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: May 24, 1979

Operator: Vukasonich Drilling Inc.

Well No: g v ~~11A~~ 8A (Rig skid)

Location: Sec. 4 T. 21S R. 23E County: Grand

File Prepared: ☐

Entered on N.I.D.: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number: 43-019-30140

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: M.G. Minder 6-1-79

Remarks: 2 close to Fed #40, 6, 8, 9, 4

Director: F

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 102-5 11-2-64

Surface Casing Change ☐
to _____

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In _____ Unit

Other: Conditional

☐ Letter Written/Approved

3x



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
8440 Federal Building
Salt Lake City, Utah 84138

May 24, 1979

CERTIFIED MAIL -
RETURN RECEIPT REQUESTED

Mr. Michael Phifer
Vukasovich Drilling
2750 El Camino Real West
Mountain View, California 94040



Dear Mr. Phifer:

In conducting on-site inspections and reviewing the well files, we have found that Vukasovich Drilling operations in the Cisco area, Grand County, Utah are not being conducted in accordance with the Federal Oil and Gas Operating Regulations.

The well locations have not been maintained as required, there are several wells that have not been plugged, several locations that have not been rehabilitated and several access roads that have not been maintained and/or rehabilitated.

The well files are also in very poor condition. There are numerous delinquent reports, numerous activities have been conducted in the field and no reports submitted and many of our written instructions and requests have apparently been ignored.

In order to alleviate these problems, it is requested that the following be done:

1. A "Sundry Notice" Form 9-331, be submitted on each well in this area showing the present well status and whether it is producing, shut-in, abandoned, etc. This report is also to show the production facilities on location and if the well is shut-in what your future plans are for production or abandonment.

2. You are to notify this office in writing who your representative in this area is in order that we can make arrangements for an on-site inspection of each of these wells and locations to determine what work is required to clean and rehabilitate each site.

You are to comply with these two (2) requests within thirty (30) days from the date of this letter. Failure to do so will result

in assessments for non-compliance, lease shut-in orders, lease cancellations, bond forfeiture and other actions as prescribed in the Oil and Gas Operating Regulations.

The following is a report of conditions on wells within the area by lease number (all wells were last inspected on May 16, 1979). This report may not cover the entire Vukasovich operations.

Lease No. U-03759

Vukasovich Well #5 NW NW (10-21S-23E) P.G.W.

1. Oil in pit needs to be removed.
2. Junk needs to be removed.
3. Emergency pit needs to be fenced.
4. Access road needs upgrading.
5. Need status report.

Vukasovich Well #6 SE NW (4-21S-23E) G.S.I.

1. Unused areas need to be restored.
2. Junk needs to be removed.
3. Need status report.

Vukasovich Well #7 NW NE (5-21S-23E) Abandoned

1. Need "Subsequent Report of Abandonment", showing rehabilitation being completed.

Vukasovich Well #7A NW NE (5-21S-23E) P.O.W. & P.G.W.

1. Rod packing leaking -- oil mess at well head needs cleaned up.
2. Need to install belt guard on pumping unit.
3. Junk and trash needs cleaned up.
4. Areas not required for production need to be disked and seeded.
5. Pit area needs cleaned up and the fence repaired.
6. Need status report.

Vukasovich Well #8 Lot 2, (4-21S-23E) Abandoned

1. Need to remove deadmen.
2. Need to remove meter building.
3. Need to remove buried flow lines.
4. Need to remove pipe rack.
5. The pad, access road and pipeline need to be restored.
6. Need "Notice of Intention to Abandon" report.
7. Need "Subsequent Report of Abandonment" report showing when and how well was plugged and rehabilitation work that has been completed.

Vukasovich Well #10 NW SW (5-21S-23E) P.G.W.

1. Used pipe and junk needs removed to an approved area. This junk is now stored approximately 200 yards west along the south side of road.
2. Area not used for production needs restored.
3. Need status report.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U- 03759

6. IF INDIAN/ ALLOTTEE OR TRIBE NAME

7. UNIT ASSIGNMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

JV 8

10. FIELD AND POOL, OR WILDCAT

Cisco Area

11. SEC. T, R, M, OR BLE. AND
SURVEY OR AREA

Sec 4, Lot 2 T21S, R23E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER
2. NAME OF OPERATOR
VUKASOVICH DRILLING, INC.
3. ADDRESS OF OPERATOR
3964 South State Street, Salt Lake City, Utah 84107
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

14. PERMIT NO.

15. ELEVATIONS (Show whether DE, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(Other) STATUS REPORT

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

AN APPLICATION TO RE-DRILL THIS WELL HAS BEEN SUBMITTED. ALL REHABILITATION AND CLEAN-UP WILL BE COMPLETED AS SOON AS THE PRESENT DRILLING PROGRAM HAS BEEN COMPLETED.

18. I hereby certify that the foregoing is true and correct

SIGNED

Dean Christ

TITLE

Agent

DATE

5/31/79

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: